



特2000-259458

	従来例	実施例 1	実施例 2	比較例 1	比較例 2	比較例 3
ベルトライのトッピングゴム	1.00	1.00	1.00	1.00	1.00	1.00
・ゴム基材（天然ゴム）	6.0	6.0	6.0	6.0	6.0	6.0
・充填剤（カーボンブラック）	—	1	3	—	—	—
・レゾルシン縮合物 ※1	—	1.5	3	—	—	—
・メチレンドナー ※2	—	1.00	1.25	1.70	1.00	1.00
複素弾性率※3	1×3／0.27	1×1／0.4	1×1／0.4	1×1／0.4	1×1／0.6	1×1
ベルトコード	3.4	4.0	3.4	4.0	3.4	4.8
構成	—	—	—	—	—	—
・打ち込み本数（本／5cm）	—	—	—	—	—	—
タイヤ重量	1.00	9.5	9.0	9.5	9.0	1.00
操縦安定性	3	2.5	2.5	3	2.5	3.5

※1) 住友化学工業(株) 製スミカノール(商標) 620
 ※2) 住友化学工業(株) 製スミカノール(商標) 507

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Table 1

	Conventional example	Embodiment 1	Embodiment 2	Ref.1	Ref.2	Ref.3
Belt ply toppling rubber						
-Base rubber(natural rubber)	100	100	100	100	100	100
-Filler(carbon black)	60	60	60	60	60	60
-Resorcinol condensation product*1	-	1	3	-	-	-
-Methylene donor *2	-	1.5	3	-	-	-
Complex elastic modulus *3	100	125	170	100	100	100
Belt cord						
-Structure	1x3/0.27	1x1/0.4	1x1/0.4	1x1/0.6	1x1	
-Cord count (/5cm)	34	40	34	40	34	48
Tire weight	100	95	90	95	90	100
Steering stability	3	3.5	3.5	3	2.5	3.5
*1) Sumicanol 620 (Trade name)	Sumitomo Chemical Company, Limited					
*2) Sumicanol 507 (Trade name)	Sumitomo Chemical Company, Limited					

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